

CLAIMS

1. A method for a calling party to reinitiate a call in card number service, comprising:

5 A. a call controller instructing a calling gateway to detect a preset key combination in a session;

 B. when having detected the calling party dialing the key combination, the calling gateway reporting a first event message to the call controller;

10 C. the call controller responding to the first event message, releasing the current call, sending an indication that the called party has hung up to a Service Control Point(SCP), prompting and waiting for the calling party to initiate a new call via the calling gateway.

2. The method according to Claim 1, further comprising:

 D. upon having collected the new call number dialed by the calling party, the calling gateway sending a report to the call controller to initiate a new calling process.

15 3. The method according to Claims 1 or 2, wherein, the call controller and the calling gateway adopt Media Gateway Control Protocol (MGCP) between them; and
 in said step A the call controller instructs the calling gateway to detect the preset key combination via Modify Connection message whose parameters are Session Descriptive Protocol (SDP) and the key combination Digitmap;

20 in said step B the first event message is Notify message;

 in said step C the call controller instructs the calling gateway to collect the new call number dialed by the calling party via Request Notify message whose parameters are DialTone and Normal MGCP Digitmap.

25 4. The method according to Claim 3, wherein, in said step D the calling gateway reports the collected new call number of the calling party to the call controller via Notify message.

 5. The method according to Claims 1 or 2, wherein, the call controller and the calling gateway adopt Protocol H.248 between them; and

30 in said step A the call controller instructs the calling gateway to detect the preset key combination via Modify_Request message whose parameters are Session Descriptive Protocol (SDP) and the key combination Digitmap;

in said step B the first event message is Notify_Request message;

in said step C the call controller instructs the calling gateway to collect the new call number dialed by the calling party via Modify_Request message whose parameters are DialTone and Normal H.248 Digitmap.

5 6. The method according to Claim 5, wherein, in said step D the calling gateway reports the collected new call number of the calling party to the call controller via Notify_Request message.

7. The method according to Claims 1 or 2, wherein, the call controller is a Service Switch Point (SSP) or a soft switch device.

10 8. The method according to Claims 1 or 2, wherein, the key combination is any random combination of all the keys.